TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/963623
Filing Date	09/27/2001
First Named Inventor	CHARLES DOUGLAS MURPHY
Art Unit	
Examiner Name	CHAT C. DO
Attorney Docket Number	

ENCLOSURES   *(Check all that apply)*

- [ ] Fee Transmittal Form
  - [ ] Fee Attached
- [x] Amendment/Reply
  - [ ] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Reply to Missing Parts/ Incomplete Application
  - [ ] Reply to Missing Parts under 37 CFR 1.52 or 1.53

- [x] Drawing(s)
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
- [ ] Power of Attorney, Revocation Change of Correspondence Address
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s) _____
  - [ ] Landscape Table on CD

- [ ] After Allowance Communication to TC
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- [ ] Proprietary Information
- [ ] Status Letter
- [ ] Other Enclosure(s) (please identify below):

Remarks

Amendment letter includes separate page having Figure 1; mailing by Express mail (USPS overnight);

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	
Signature	*Charles Douglas Murphy*
Printed name	CHARLES DOUGLAS MURPHY
Date	11/10/2004	Reg. No.	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	*Charles Douglas Murphy*		
Typed or printed name	CHARLES DOUGLAS MURPHY	Date	11/10/2004

11-12-04

2124,
IFW

Application Number: 09/963623

Filing Date: 09/27/2001

Applicant: Charles Douglas Murphy

Title: NON-CONSTANT REDUCED-COMPLEXITY MULTIPLICATION
IN SIGNAL PROCESSING TRANSFORMS

Examiner/GAU: Chat C. Do

November 09, 2004

AMENDMENT A

Mail Stop Non-Fee Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed August 16, 2004, please amend the above
application as follows:

Specification:

In the section DRAWING FIGURES on page 12, line 16 has been amended as follows:

~~Not applicable~~ Figure 1 – A diagram of a non-constant and non-general multiplier
according to the preferred embodiment.

In the section REFERENCE NUMERALS IN DRAWINGS with section header on page
12 and body on page 13, body on line 1 of page 13 has been amended as follows:

~~Not applicable~~ 10 a non-general and non-constant multiplier

12 a first multiplier input X

14 a first multiplicand input Y

16 a first multiplier output Z